BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to drains of vayunandhan layout main road (LHS) in kempapura in ward No.07 Byatarayanapura.

ABSTRACT

Estimate cost - 25.00 lakhs

Ward 7 byatarayanapura

007-18-0000137 (P1771)

P. Vijay Babu

(Nandhi Enterprises)

W.O. No. 211/10.3.2020

1st & final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE
KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA

Name of work: Improvements to drains of vayunandhan layout main road (LHS) in kempapura in ward No.07

Job code
P-code: P1771
Agency: SSri.P.Vijaya Babu
First and final bill

Sl NO	Description	unit	Qty	RATE	AMOUNT
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		221.00		
	Previous Qty		0.00		
	Total Qty		221.00		
	BOQ Qty		221.00		
	Qty for payment		221.00	137.00	30277.00
2	Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		81.09		
	Previous Qty		0.00		
	Total Qty		81.09		
	BOQ Qty		81.09		
	Qty for payment		81.09	4500.00	364905.00

AMN.N.D
AE(HQ)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		5.04		
	Previous Qty		0.00		
	Total Qty		5.04		
	BOQ Qty		5.04		
	Qty for payment		5.04	5500.00	27720.00
4	Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		25.92		
	Previous Qty		0.00		
	Total Qty		25.92		
	BOQ Qty		25.92		
	Qty for payment		25.92	4500.00	116640.00
5	Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty	43.20	15.12		
	Previous Qty		0.00		
	Total Qty	43.20	15.12		
	BOQ Qty		43.20		
	Qty for payment	43.20	15.12	148.00	2237.76

6393.60

AE(WE)

Assistant Executive Engineer
Eruthal [illegible] Palike
[illegible] - 560 [illegible]

Abstract

10	Providing using rein aggregat shutterin concrete wellcom per spec
	Name of
	mprover (LHS) in
	Present
	Previous
	Total Qt
	BOQ Qt
	Qty for
7	Providi straight lapping binding wherev wastag labour,
	Name
	mprove (LHS) i
	Presen
	Previo
	Total
	BOQ
	Qty fo
8	Provid propp and st plan i specif
	Name
	mpro (LHS)
	Prese
	Previ
	Total
	BOQ
	Qty f

10	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		43.20		
	Previous Qty		0.00		
	Total Qty		43.20		
	BOQ Qty		43.20		
	Qty for payment		43.20	5000.00	216000.00
7	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		3.01		
	Previous Qty		0.00		
	Total Qty		3.01		
	BOQ Qty		3.01		
	Qty for payment		3.01	75228.00	226436.28
8	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		373.50		
	Previous Qty		0.00		
	Total Qty		373.50		
	BOQ Qty		417.60		
	Qty for payment		373.50	483.00	180400.50

Initially N.D.
AE(W2)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

6	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		54.81		
	Previous Qty		0.00		
	Total Qty		54.81		
	BOQ Qty		54.81		
	Qty for payment		54.81	5500.00	301455.00
9	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty	157.14	157.00		
	Previous Qty		0.00		
	Total Qty	157.14	157.00		
	BOQ Qty		157.68		
	Qty for payment	157.14	157.00	1700.00	266900.00
11	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete				267138.00
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		386.00		
	Previous Qty		0.00		
	Total Qty		386.00		
	BOQ Qty		386.67		
	Qty for payment		386.00	350.00	135100.00

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12	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		173.70		
	Previous Qty		0.00		
	Total Qty		173.70		
	BOQ Qty		174.00		
	Qty for payment		173.70	39.00	6774.30
13	Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications.				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		12.00		
	Previous Qty		0.00		
	Total Qty		12.00		
	BOQ Qty		12.00		
	Qty for payment		12.00	5976.00	71712.00
14	Providing 100mm and down size nominal size.				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty	1.34	1.36		
	Previous Qty		0.00		
	Total Qty	1.34	1.36		
	BOQ Qty		1.36		
	Qty for payment	1.34	1.36	987.00	1342.32

1322.58

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AE(WS)

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Bangalore - 560 092

15	Providing40mm and down size nominal size.				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		0.90		
	Previous Qty		0.00		
	Total Qty		0.90		
	BOQ Qty		0.90		
	Qty for payment		0.90	1091.00	977.54
16	Providing 20mm and down size nominal size.				981.90
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		0.90		
	Previous Qty		0.00		
	Total Qty		0.90		
	BOQ Qty		0.90		
	Qty for payment		0.90	1054.00	944.38
17	Providing Fine aggrgate 2.36mm nominal size				981.90
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		0.68		
	Previous Qty		0.00		
	Total Qty		0.68		
	BOQ Qty		0.68		
	Qty for payment		0.68	1054.00	716.72
18	Providing and fixing MS Grating 260x260 mm				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		42.00		
	Previous Qty		0.00		
	Total Qty		42.00		
	BOQ Qty		45.00		
	Qty for payment		42.00	84.00	3528.00

Assistant Executive Engineer
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19	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter				
	Name of work	cum			
	mprovements to drains of vayunandhan layout main road (LHS) in kempapura				
	Present Qty		221.00		
	Previous Qty		0.00		
	Total Qty		221.00		
	BOQ Qty		221.00		
	Qty for payment		221.00	94.00	20774.00
			TOTAL		1974840.80

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Sub division

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Executive Engineer
Banashankari Division